

ABSTRACT

Disclosed is an aqueous solution of a chromium salt, in which the oxalic acid content is 8% by weight or less relative to chromium. In the aqueous solution of the chromium salt, the total organic carbon content is 4% by weight or less relative to chromium. The chromium salt is preferably a chromium chloride, a chromium phosphate, or a chromium nitrate. The chromium chloride preferably contains a basic chromium chloride represented by the composition formula $\text{Cr(OH)}_x\text{Cl}_y$ (wherein $0 < x \leq 2$, $1 \leq y < 3$, and $x + y = 3$). The chromium phosphate is preferably one represented by the composition formula $\text{Cr}(\text{H}_{3-3/n}\text{PO}_4)_n$ (wherein n is a number satisfying $2 \leq n \leq 3$). The chromium nitrate is preferably a basic chromium nitrate represented by the composition formula $\text{Cr(OH)}_x(\text{NO}_3)_y$ (wherein $0 < x \leq 2$, $1 \leq y < 3$, and $x + y = 3$).